

Figure 1

Complete nucleotide sequence of the cDNA of the protein  
Ki-67 and the protein amino acid sequence derived  
therefrom.

[illegible]

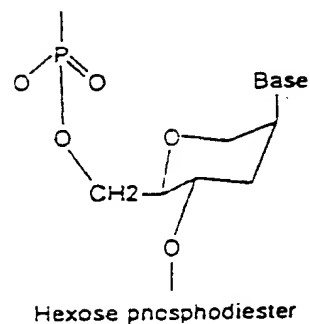
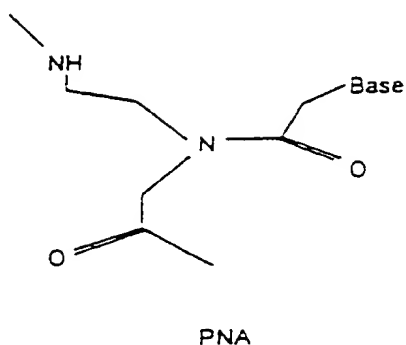
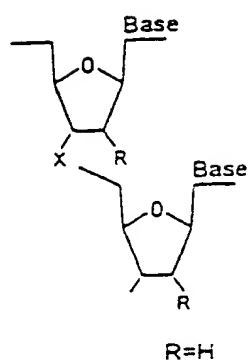
Figure 1  
(continued)

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TKEEAFVULRAAEKVIVGDSV	2975
AAGCCACACGACGCTCTTAAATACAAAACGAAAGCAATCTGCTGCTGCCACTGGC	3160
STRUDVFEEGSKBNCTSLFPIY	2975
CTTCAACAGGGGAGCTGCGCAATCTGGAAGCTTACGGGAAGTCAAGAAGGCTGGCTGAT	3240
FRKXGXDGEVGTCTKKLRCH	3025
-----BIPARTITE NUCLEAR TARGETING SEQUENCE----	
CGGACGACAGGAAATCTGGAGAGCTGAGCGGACAGCAAGACAGAGGCTTCTGCT	3300
PAPEKIVELSLFAAEKKGUV	3035
-----	
TAGSGGAGAGCGCAATCATCTCGAACCTCTGATCATCAATACAACTTGAAGCTT	3360
AFKESDSEKFKESLNT	3035
-----ATTCTT-BINDING MOTIF A (P-LOOP)	
TGCAAAACGAATTAACCTCGGGAAGAGCTTAAAGCAAGCAATCAAAACGCAACAGA	3420
AFREPAFCELNWSHNDNFKKE	3075
CGCAACAAATTAACAGCTGCTGCTCGCAAAATACCGGAAATATCTCTCTCTCTGACAGC	3480
EBYLDSDSVFVFCISLHSHR	3095
END OF THE LARGE EXON 13 ----	
CGCACTAGACCTGAGGCAAGACAGCAATAACTGAGCTGCTTCTATTAGCAAGAGAAAT	3540
QDKCTKAXACGCGATCTEVVULASRT	3115
AGAAATAAACAGAAATTAAGAAACCGCATTAAGACCTCTCTCAACATGCAATCTGCAAA	3600
ELFRNEXKPDNXTTFNDCH	3235
TTGACATGATGGAGGCTGGAAACCGCATCTAGACAGAAAGTCACTGTAGAAACAAAGCTG	3660
PDGCAKRTTDFKDKVTFKFR	3235
-----BIPARTITE NUCLEAR TARGETING SEQUENCE----	
CTTGAAGCTGCTTACAGCAATTAAGAGCTGACGCTCAAGCTGCGAGCAAGAGAGAGGAGC	3720
LSRSAKXNSESQDPXVAEESGG	3175
CGAAGAACACTGCGAAAGTTCTATGCGCAAAATAGAAAGCGAAAGCAGACGAGAAATT	3780
QKFAKXULMKQDFKXGSGAGNS	3195
AGACTCACTTGGCTGAGTAAAGAAACAGAAAGAGCAATTTACGAAAGCATTTGGG	3840
ELKCIKRSARKTKKCGPAALSLZ	3215
GAGCAAACTCTGACACAGTAAGCGGAGCTTCAACAGGTTGTGACAAAAATCTAAGAA	3900
SKDVQKRVTRVFRCAENDFKX	3235
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AEDNVCVFKKCTCAKSKRKDSLE	3255
TATTTCAGCAAAAACTCAACTCGGAAAAATATATTAAGTTAGTTTTCGTAAGTCT	4020
	3255
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CAATCTGGCGGGGAGCTTCTCTCTCAATTAAGGTTAGCAATCTGCTGCTGCTGCTGCT	10500
CAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	10560
GAGGCAAGCTTATGCGACAGCAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	10620
CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	10680
GAACTCTGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	10740
TTTTCTGCTTGAAGGCTTGGGAAGTTTACTGCTGCTGCTGCTGCTGCTGCTGCTGCT	10800
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CAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	11160
GLAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	11220
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TGTACTAATATGCTGCTCATATAGGCTTCTCAACGCTCATCATGCTTAAAGGAGCA	11340
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CTGCAATATCTGCTTAACTAGCAAAATCTCTTAGAGCTTCTGCTTAAAGGCAAGCTTCTG	11700
TGAAGATCTGAGCAGCTCTTCTGCTGCTGCTTAAAGTACAGATTTCTGACAGGAGCTTCTG	11760
GGGCTTCTTCTTCTGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	11820
GAGATCTGCAAAATAGGCTTCTGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	11880
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GATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	12060
GCTCTGCTTACGGCAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	12120
ACTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	12180
CTGCT	12240
CTGCT	12300
CTGCT	12360
CTGCT	12420
CTGCT	12480
ATGAATCTGCTGCT	12495

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Figure 2

Structure of sugar- and phosphate-modified oligonucleotides



X=

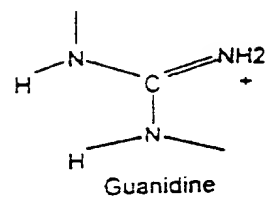
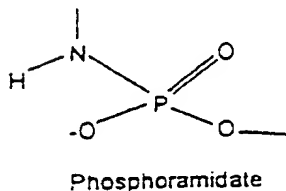
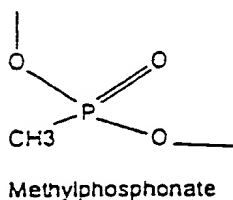
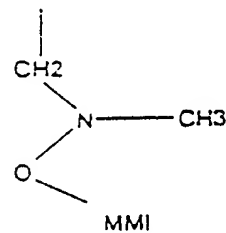
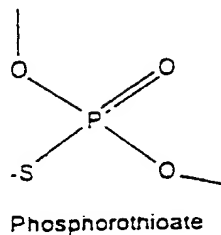
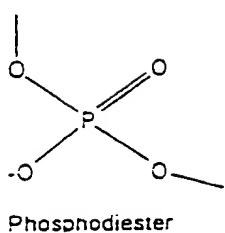


Figure 3

Influence of oligonucleotides on RT4 cells.

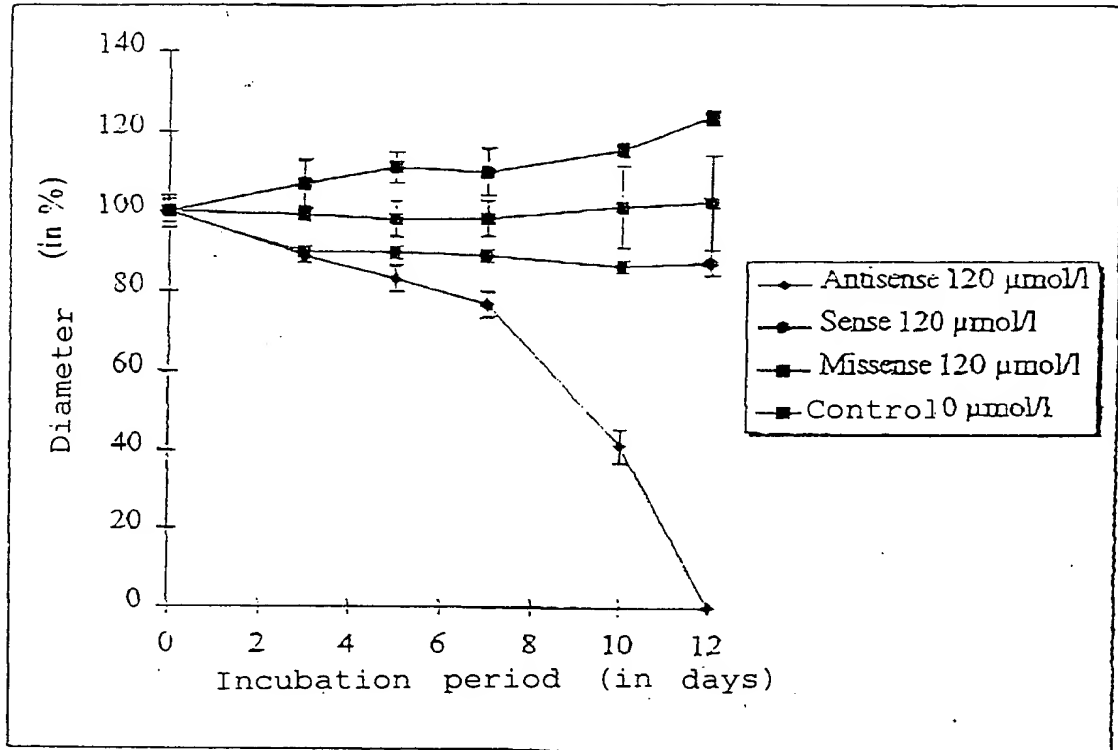
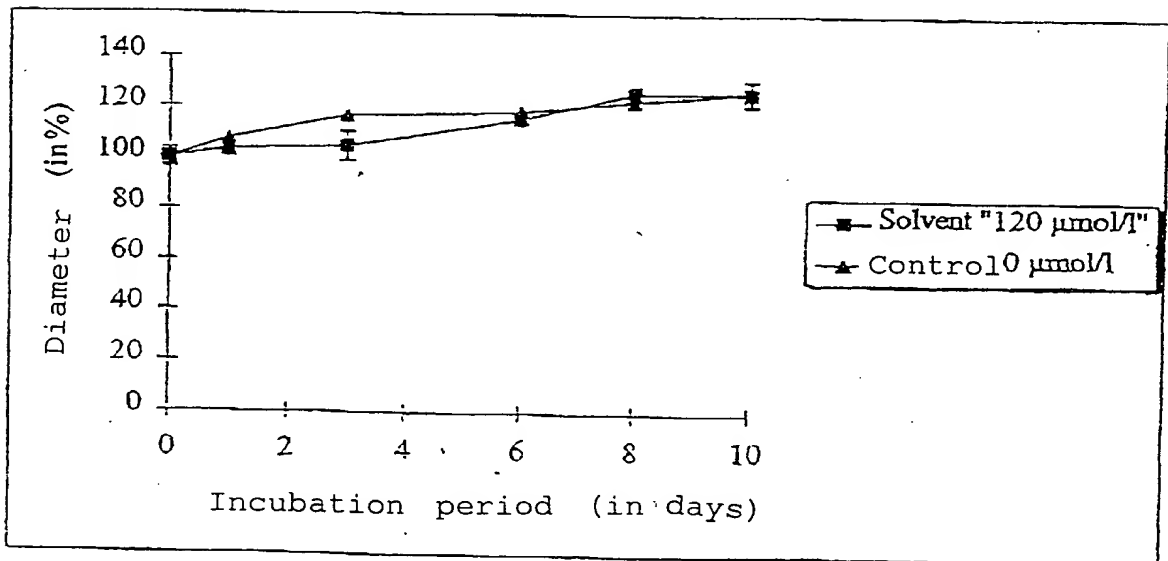


Figure 4

Influence of the solvent on RT4 cells  
(negative control)



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Figure 5

Influence of oligonucleotides on RT4 cells by microinjection

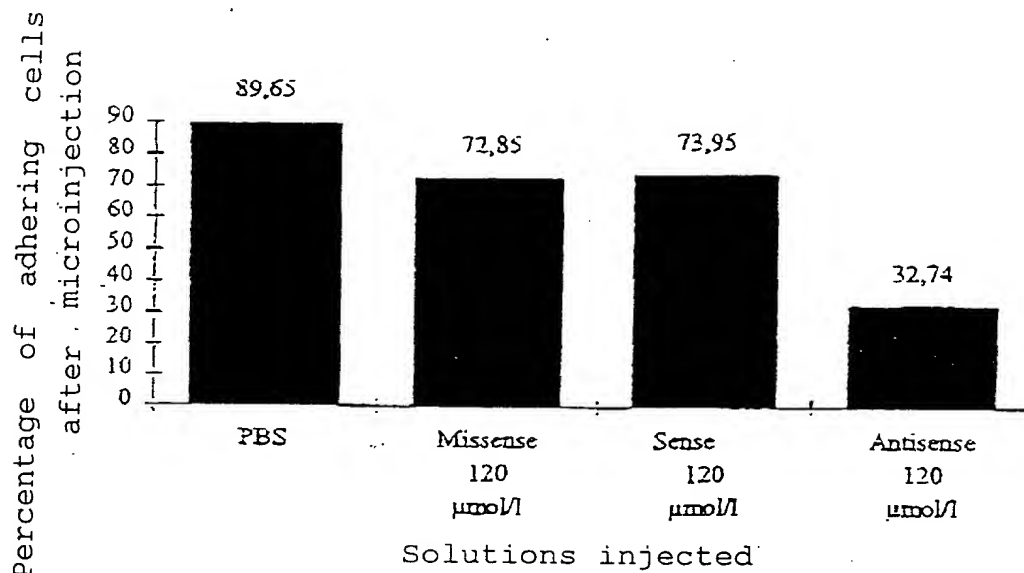


Figure 6

Influence of oligonucleotides on J82 cells

